



Polarization Maintaining Fiber Pigtail (PMFP Series)

Description

The PM Fiber Pigtail is the basic building block for PM fiber optic components. The Fiber Pigtail is characterized with fine polishing surface, accurate polishing angle and high extinction ratio. The unique processing and high quality AR coating enable the fiber pigtail to handle high power with minimum loss.

Key Features

- Fine Polishing Surface
- Accurate Polishing Angle
- High Extinction Ratio

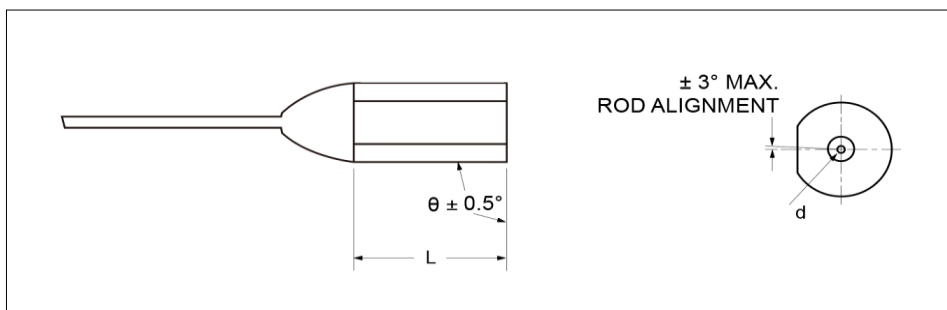
Applications

- PM Components

Specifications

Parameter	Unit	Value
Type	-	Single Fiber
Center Wavelength	nm	1550, 1310 or Specify
Capillary Diameter ¹	mm	1.25 Typically
Diameter Tolerance	mm	± 0.005
Capillary Length	mm	TBD
Polishing Angle	degree	0°, 8°
Fiber Orientation	-	Refer to Diagram
Fiber Type	-	PM Fiber / SMF - 28
Typ. Extinction Ratio	dB	23
Min. Extinction Ratio	dB	20
Scratch/Dig	-	10/5
AR-Coating	-	$R < 0.25\%$ @ Specified Wavelength Range

Fiber Orientation



Ordering Information

PMFP-①-②-③-④-⑤-⑥-⑦-⑧-⑨

①: Fiber Pigtail Type

1 - Single Fiber

②: AR-Coating

9806 - 980/1060 nm

3155 - 1310/1550 nm

0000 - No AR-Coating

SSSS - Specify

③: Capillary Diameter

1.25 - 1.25 mm

S - Specify

④: Capillary Length

3- 3 mm

S - Specify

⑤: Polishing Angle

8 - 8°

S - Specify

⑥: Fiber Type

1 - PM Panda Fiber

2 - Single Mode Fiber

⑦: PM Fiber Type

1 - Fiber PM-98-025-B

2 - Fiber PM-31-025-B

3 - Fiber PM-55-025-B

4 - Fiber PM-31-040-B

5 - Fiber PM-55-040-B

S S-Specify

⑧: Fiber Orientation

H - Slow axis is parallel to the D-cut flat

V - Slow axis is vertical to the D-cut flat

K - For Single Mode Fiber Pigtail

⑨: Fiber Length

1 - 1.0 m

S - Specify